

Title (en)
MOBILE TERMINAL

Title (de)
MOBILES ENDGERÄT

Title (fr)
TERMINAL MOBILE

Publication
EP 3691030 A1 20200805 (EN)

Application
EP 20166381 A 20180914

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• US 201862655218 P 20180409
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Abstract (en)
A mobile terminal having a front surface, a rear surface, and side surfaces includes a cover glass allowing an electromagnetic wave to be transmitted therethrough, a case having a metal rim forming an appearance of the top or the bottom of the mobile terminal, and an antenna having a plurality of arrayed antenna patterns to radiate a beamformed transmission signal, wherein the antenna is disposed such that at least a portion thereof is adjacent to the metal rim, and the cover glass includes a planar portion disposed on the front surface or the rear surface and a bent portion bent from at least one end of the planar portion such that the transmission signal is radiated through the cover glass.

IPC 8 full level
H01Q 1/24 (2006.01); **H04M 1/02** (2006.01)

CPC (source: EP KR US)
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H04M 1/0249 (2013.01 - EP KR US); **H04M 1/026** (2013.01 - EP US); **H04M 1/0277** (2013.01 - KR); **G06F 1/1698** (2013.01 - EP US)

Citation (search report)
• [A] WO 2017090997 A1 20170601 - LG ELECTRONICS INC [KR] & US 2018261921 A1 20180913 - HA JIHUN [KR], et al
• [A] DE 202017003830 U1 20171115 - APPLE INC [US]
• [A] US 2017054200 A1 20170223 - KANG YUNMO [KR], et al
• [A] EP 3054655 A1 20160810 - SAMSUNG ELECTRONICS CO LTD [KR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3553883 A1 20191016; **EP 3553883 B1 20200603**; CN 111727596 A 20200929; CN 111727596 B 20220408; EP 3691030 A1 20200805;
EP 3691030 B1 20211201; US 10879585 B2 20201229; US 2019312334 A1 20191010; WO 2019198887 A1 20191017

DOCDB simple family (application)
EP 18194395 A 20180914; CN 201880089050 A 20180829; EP 20166381 A 20180914; KR 2018009980 W 20180829;
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